

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

Date/Time: January 7, 2005

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Agency: CDPHE

Purpose of Contact: Disposition of Building 776 second floor Survey Unit 32

Discussion

In accordance with the 776/777 DOP, Appendix I, the preparation of the facility for demolition is conducted in consultation with the CDPHE and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record documents the activities that were conducted to prepare second floor Survey Unit 32 for demolition. Survey Unit 32 includes all or portions of Rooms 208, 209, 217, and 218.

The preparation process for Survey Unit 32 was initiated July 13, 2004 when a package for in-process radiological surveys was prepared and executed. Once the surveys were complete, the following actions were taken as part of the ALARA-based decontamination effort:

- Floor locations that average more than 100,000 dpm/100cm² were shaved.
- Cracks and floor seams were remediated.

In addition to the radiological hazards, the non-radiological hazards have also been addressed in Survey Unit 32. The following summarizes the non-radiological activities:

- There were no RCRA units associated with Survey Unit 32.
- Chemicals and hazardous substances have been removed.
- Beryllium regulated and controlled areas have been closed. Only room 208 was listed on the historical list of rooms with potential beryllium contamination in Survey Unit 32. Room 208 was on the historical list because the internals to the plenum systems were presumed to be beryllium contaminated. Since the baseline survey, the rooms have been stripped of all equipment and decontaminated for beryllium. Prior to final encapsulation the room was again surveyed, and all samples collected were below the reporting limit of 0.1 ug/100 cm².
- Polychlorinated biphenyls (PCB) hazards and equipment have been removed.

- Asbestos has been abated.

Survey Unit 32 was resurveyed in accordance with the Radiological Pre-Demolition Survey Plan for Buildings 776/777. The surveys were provided to the CDPHE project representative, and walk downs of the areas were conducted.

In summary, ALARA-based decontamination has been completed, Survey Unit 32 will be encapsulated and surveyed for removable contamination and controls applied during demolition. There is one area within Survey Unit 32 that will be marked for additional controls during demolition. This area is the stairs leading to the first floor, marked Room 217. Additional controls for demolition of the stairs will be determined in consultation with the CDPHE. The controls for this area may include any combination of the following:

- Area will be painted orange, or some other bright color, to make the area readily identifiable during demolition.
- Special briefings will be held with equipment operators and dust control and waste crews prior to initiating demolition of these areas.
- Measures will be taken to minimize the stockpiling of the debris associated with this activity.
- As identified, additional controls for demolition of the stairs will be determined in consultation with the CDPHE.

This contact record will be included as an appendix to the characterization report for Survey Unit 32 and placed in the demolition file to ensure the controls and requirements are included in the demolition work package.

Contact Record Prepared By: Dyan Foss

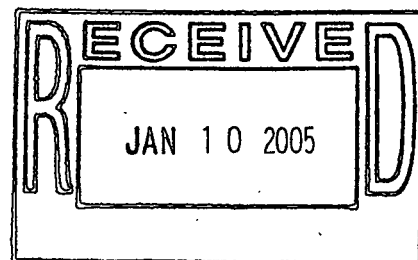
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